

Nozar Anjabin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

211
citations

1162889

8
h-index

1058333

14
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15
all docs

15
docs citations

15
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic strain aging of twinning-induced plasticity (TWIP) steel in tensile testing and deep drawing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 633, 136-143.	2.6	51
2	Crystal plasticity modeling of the effect of precipitate states on the work hardening and plastic anisotropy in an Al–Mg–Si alloy. <i>Computational Materials Science</i> , 2014, 83, 78-85.	1.4	35
3	A mixed finite element and improved genetic algorithm method for maximizing buckling load of stiffened laminated composite plates. <i>Aerospace Science and Technology</i> , 2017, 70, 378-387.	2.5	30
4	Physically based material model for evolution of stress–strain behavior of heat treatable aluminum alloys during solution heat treatment. <i>Materials & Design</i> , 2010, 31, 433-437.	5.1	20
5	Simulation and experimental analyses of dynamic strain aging of a supersaturated age hardenable aluminum alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 585, 165-173.	2.6	16
6	Constitutive Modeling of Hot Deformation Behavior of the AA6063 Alloy with Different Precipitates. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 5853-5860.	1.1	12
7	An upper bound solution for twist extrusion process. <i>Metals and Materials International</i> , 2014, 20, 825-834.	1.8	12
8	Study of Geometrically Necessary Dislocations of a Partially Recrystallized Aluminum Alloy Using 2D EBSD. <i>Microscopy and Microanalysis</i> , 2019, 25, 656-663.	0.2	9
9	Dynamic moving load identification of laminated composite beams using a hybrid FE-TMDQ-GAs method. <i>Inverse Problems in Science and Engineering</i> , 2017, 25, 1639-1652.	1.2	7
10	Modeling the Anisotropic Flow Behavior of Precipitate-Hardened Al–Cu Alloys During Plane Strain Compression. <i>Metals and Materials International</i> , 2019, 25, 159-167.	1.8	6
11	Microstructure based modelling of flow behaviour of Al–Mg–Si alloy at different temper conditions. <i>Materials Science and Technology</i> , 2013, 29, 968-974.	0.8	5
12	Effects of constrained groove pressing on mechanical properties of a TWIP steel. <i>Materials Science and Technology</i> , 2021, 37, 1291-1301.	0.8	5
13	Thermal Post-buckling Analysis of Moderately Thick Nanobeams. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2018, 42, 33-38.	1.0	2
14	Dissolution Kinetics of Spheroidal-Shaped Precipitates in Age-Hardenable Aluminum Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 3584-3591.	1.1	1
15	Modeling the Age-Hardening Process of Aluminum Alloys Containing the Prolate/Oblate Shape Precipitates. <i>Metals and Materials International</i> , 2021, 27, 1620-1630.	1.8	0